

## Number The Stars Chapter Questions

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### Where the Forest Meets the Stars

William Golding's unforgettable classic of boyhood adventure and the savagery of humanity comes to Penguin Classics in a stunning Graphic Deluxe Edition with a new foreword by Lois Lowry. As provocative today as when it was first published in 1954, *Lord of the Flies* continues to ignite passionate debate with its startling, brutal portrait of human nature. William Golding's compelling story about a group of very ordinary boys marooned on a coral island has been labeled a parable, an allegory, a myth, a morality tale, a parody, a political treatise, and even a vision of the apocalypse. But above all, it has earned its place as one of the indisputable classics of the twentieth century for readers of any age. This Penguin Classics Graphic Deluxe Edition features an array of special features to supplement the novel, including a foreword by Lois Lowry, an introduction by Stephen King, an essay by E. M. Forster, an essay on teaching and reading the novel and suggestions for further exploration by scholar Jennifer Buehler, and an extended note by E. L. Epstein, the publisher of the first American paperback edition of *Lord of the Flies*. For more than seventy years, Penguin has been the leading publisher of classic literature in the English-speaking world. With more than 1,700 titles, Penguin Classics represents a global bookshelf of the best works throughout history and across genres and disciplines. Readers trust the series to provide authoritative texts enhanced by introductions and notes by distinguished scholars and contemporary authors, as well as up-to-date translations by award-winning translators.

### The Devil's Arithmetic

### Elementary Number Theory

*Esperanza Rising* joins the Scholastic Gold line, which features award-winning and beloved novels. Includes exclusive bonus content! Esperanza thought she'd always live a privileged life on her family's ranch in Mexico. She'd always have fancy dresses, a beautiful home filled with servants, and Mama, Papa, and Abuelita to care for her. But a sudden tragedy forces Esperanza and Mama to flee to California and settle in a Mexican farm labor camp. Esperanza isn't ready for the hard work, financial struggles brought on by the Great Depression, or lack of acceptance she

now faces. When Mama gets sick and a strike for better working conditions threatens to uproot their new life, Esperanza must find a way to rise above her difficult circumstances--because Mama's life, and her own, depend on it.

### **Outliers**

A tour de force from acclaimed author Alan Gratz (Prisoner B-3087), this timely -- and timeless -- novel tells the powerful story of three different children seeking refuge.

### **Henry's Freedom Box**

Astronomy is written in clear non-technical language, with the occasional touch of humor and a wide range of clarifying illustrations. It has many analogies drawn from everyday life to help non-science majors appreciate, on their own terms, what our modern exploration of the universe is revealing. The book can be used for either a one-semester or two-semester introductory course (bear in mind, you can customize your version and include only those chapters or sections you will be teaching.) It is made available free of charge in electronic form (and low cost in printed form) to students around the world. If you have ever thrown up your hands in despair over the spiraling cost of astronomy textbooks, you owe your students a good look at this one. Coverage and Scope Astronomy was written, updated, and reviewed by a broad range of astronomers and astronomy educators in a strong community effort. It is designed to meet scope and sequence requirements of introductory astronomy courses nationwide. Chapter 1: Science and the Universe: A Brief Tour Chapter 2: Observing the Sky: The Birth of Astronomy Chapter 3: Orbits and Gravity Chapter 4: Earth, Moon, and Sky Chapter 5: Radiation and Spectra Chapter 6: Astronomical Instruments Chapter 7: Other Worlds: An Introduction to the Solar System Chapter 8: Earth as a Planet Chapter 9: Cratered Worlds Chapter 10: Earthlike Planets: Venus and Mars Chapter 11: The Giant Planets Chapter 12: Rings, Moons, and Pluto Chapter 13: Comets and Asteroids: Debris of the Solar System Chapter 14: Cosmic Samples and the Origin of the Solar System Chapter 15: The Sun: A Garden-Variety Star Chapter 16: The Sun: A Nuclear Powerhouse Chapter 17: Analyzing Starlight Chapter 18: The Stars: A Celestial Census Chapter 19: Celestial Distances Chapter 20: Between the Stars: Gas and Dust in Space Chapter 21: The Birth of Stars and the Discovery of Planets outside the Solar System Chapter 22: Stars from Adolescence to Old Age Chapter 23: The Death of Stars Chapter 24: Black Holes and Curved Spacetime Chapter 25: The Milky Way Galaxy Chapter 26: Galaxies Chapter 27: Active Galaxies, Quasars, and Supermassive Black Holes Chapter 28: The Evolution and Distribution of Galaxies Chapter 29: The Big Bang Chapter 30: Life in the Universe Appendix A: How to Study for Your Introductory Astronomy Course Appendix B: Astronomy Websites, Pictures, and Apps Appendix C: Scientific Notation Appendix D: Units Used in Science Appendix E: Some Useful Constants for Astronomy Appendix F: Physical and Orbital Data for the Planets Appendix G: Selected Moons of the Planets Appendix H: Upcoming Total Eclipses Appendix I: The Nearest Stars, Brown Dwarfs, and White Dwarfs Appendix J: The Brightest Twenty Stars Appendix K: The Chemical Elements Appendix L: The Constellations Appendix M: Star Charts and Sky Event Resources

## **The Outsiders**

From the German invasion of Poland in 1939 to the liberation of her concentration camp in 1945, the author chronicles an adolescence shaped by the horrors of the Holocaust but strengthened by the force of her own will.

## **Esperanza Rising (Scholastic Gold)**

Billy Pilgrim returns home from the Second World War only to be kidnapped by aliens from the planet Tralfamadore, who teach him that time is an eternal present

## **Ellen Foster**

It is 1943 and for 10 year old Annemarie life is still fun. But there are worries too - the Nazis have occupied Copenhagen and there are food shortages, curfews and the threat of being stopped by soldiers and Annemarie's best friend is a Jew.

## **Number the Stars**

#1 NEW YORK TIMES, WALL STREET JOURNAL, AND BOSTON GLOBE BESTSELLER • One of the most acclaimed books of our time: an unforgettable memoir about a young woman who, kept out of school, leaves her survivalist family and goes on to earn a PhD from Cambridge University “An amazing story, and truly inspiring. It’s even better than you’ve heard.”—Bill Gates NAMED ONE OF THE TEN BEST BOOKS OF THE YEAR BY THE NEW YORK TIMES BOOK REVIEW • ONE OF PRESIDENT BARACK OBAMA’S FAVORITE BOOKS OF THE YEAR • BILL GATES’S HOLIDAY READING LIST • FINALIST: National Book Critics Circle’s Award In Autobiography and John Leonard Prize For Best First Book • PEN/Jean Stein Book Award • Los Angeles Times Book Prize Born to survivalists in the mountains of Idaho, Tara Westover was seventeen the first time she set foot in a classroom. Her family was so isolated from mainstream society that there was no one to ensure the children received an education, and no one to intervene when one of Tara’s older brothers became violent. When another brother got himself into college, Tara decided to try a new kind of life. Her quest for knowledge transformed her, taking her over oceans and across continents, to Harvard and to Cambridge University. Only then would she wonder if she’d traveled too far, if there was still a way home. “Beautiful and propulsive . . . Despite the singularity of [Westover’s] childhood, the questions her book poses are universal: How much of ourselves should we give to those we love? And how much must we betray them to grow up?”—Vogue NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The Washington Post • O: The Oprah Magazine • Time • NPR • Good Morning America • San Francisco Chronicle • The Guardian • The Economist • Financial Times • Newsday • New York Post • theSkimm • Refinery29 • Bloomberg • Self • Real Simple • Town & Country • Bustle • Paste • Publishers Weekly • Library Journal • LibraryReads • BookRiot • Pamela Paul, KQED • New York Public Library

## **Astronomy**

In 1943, during the German occupation of Denmark, ten-year-old Annemarie learns

how to be brave and courageous when she helps shelter her Jewish friend from the Nazis.

### **Radical Candor**

Seventh-grader John "Crash" Coogan has always been comfortable with his tough, aggressive behavior, until his relationship with an unusual Quaker boy and his grandfather's stroke make him consider the meaning of friendship and the importance of family.

### **The Great Wide Sea**

The Picture of Dorian Gray, the only novel by Oscar Wilde, was first published in 1890. A substantially revised and expanded edition was published in April 1891. For the new edition, Wilde revised the content of the novel's existing chapters, divided the final chapter into two chapters, and created six entirely new additional chapters. Whereas the original edition of the novel contains 13 chapters, the revised edition of the novel contains 20 chapters. The novel tells of a young man named Dorian Gray, the subject of a painting by artist Basil Hallward. Dorian is selected for his remarkable physical beauty, and Basil becomes strongly infatuated with Dorian, believing that his beauty is responsible for a new mode of art. Talking in Basil's garden, Dorian meets Lord Henry Wotton, a friend of Basil's, and becomes enthralled by Lord Henry's world view. Espousing a new kind of hedonism, Lord Henry suggests that the only thing worth pursuing in life is beauty, and the fulfillment of the senses. Realising that one day his beauty will fade, Dorian cries out, wishing that the portrait Basil has painted of him would age rather than himself. Dorian's wish is fulfilled, subsequently plunging him into a sequence of debauched acts. The portrait serves as a reminder of the effect each act has upon his soul, each sin being displayed as a new sign of aging on the portrait. The Picture of Dorian Gray is considered one of the last works of classic gothic horror fiction with a strong Faustian theme. It deals with the artistic movement of the decadents, and homosexuality, both of which caused some controversy when the book was first published. However, in modern times, the book has been referred to as "one of the modern classics of Western literature."

### **Number the Stars**

The genome's been mapped. But what does it mean? Arguably the most significant scientific discovery of the new century, the mapping of the twenty-three pairs of chromosomes that make up the human genome raises almost as many questions as it answers. Questions that will profoundly impact the way we think about disease, about longevity, and about free will. Questions that will affect the rest of your life. Genome offers extraordinary insight into the ramifications of this incredible breakthrough. By picking one newly discovered gene from each pair of chromosomes and telling its story, Matt Ridley recounts the history of our species and its ancestors from the dawn of life to the brink of future medicine. From Huntington's disease to cancer, from the applications of gene therapy to the horrors of eugenics, Matt Ridley probes the scientific, philosophical, and moral issues arising as a result of the mapping of the genome. It will help you understand

what this scientific milestone means for you, for your children, and for humankind.

## **By the Great Horn Spoon!**

A bestselling modern classic—both poignant and funny—about a boy with autism who sets out to solve the murder of a neighbor's dog and discovers unexpected truths about himself and the world. Nominated as one of America's best-loved novels by PBS's The Great American Read Christopher John Francis Boone knows all the countries of the world and their capitals and every prime number up to 7,057. He relates well to animals but has no understanding of human emotions. He cannot stand to be touched. And he detests the color yellow. This improbable story of Christopher's quest to investigate the suspicious death of a neighborhood dog makes for one of the most captivating, unusual, and widely heralded novels in recent years.

## **The Picture of Dorian Gray**

In this gorgeously stunning debut, a mysterious child teaches two strangers how to love and trust again. After the loss of her mother and her own battle with breast cancer, Joanna Teale returns to her graduate research on nesting birds in rural Illinois, determined to prove that her recent hardships have not broken her. She throws herself into her work from dusk to dawn, until her solitary routine is disrupted by the appearance of a mysterious child who shows up at her cabin barefoot and covered in bruises. The girl calls herself Ursa, and she claims to have been sent from the stars to witness five miracles. With concerns about the child's home situation, Jo reluctantly agrees to let her stay--just until she learns more about Ursa's past. Jo enlists the help of her reclusive neighbor, Gabriel Nash, to solve the mystery of the charming child. But the more time they spend together, the more questions they have. How does a young girl not only read but understand Shakespeare? Why do good things keep happening in her presence? And why aren't Jo and Gabe checking the missing children's website anymore? Though the three have formed an incredible bond, they know difficult choices must be made. As the summer nears an end and Ursa gets closer to her fifth miracle, her dangerous past closes in. When it finally catches up to them, all of their painful secrets will be forced into the open, and their fates will be left to the stars.

## **The Cage**

New friends and a mystery help Aven, thirteen, adjust to middle school and life at a dying western theme park in a new state, where her being born armless presents many challenges.

## **Crash**

A stunning and provocative new novel by the internationally celebrated author of *The Blind Assassin*, winner of the Booker Prize. Margaret Atwood's new novel is so utterly compelling, so prescient, so relevant, so terrifyingly-all-too-likely-to-be-true, that readers may find their view of the world forever changed after reading it. This is Margaret Atwood at the absolute peak of her powers. For readers of *Oryx* and

Crake, nothing will ever look the same again. The narrator of Atwood's riveting novel calls himself Snowman. When the story opens, he is sleeping in a tree, wearing an old bedsheet, mourning the loss of his beloved Oryx and his best friend Crake, and slowly starving to death. He searches for supplies in a wasteland where insects proliferate and pigoons and wolvoogs ravage the pleeblands, where ordinary people once lived, and the Compounds that sheltered the extraordinary. As he tries to piece together what has taken place, the narrative shifts to decades earlier. How did everything fall apart so quickly? Why is he left with nothing but his haunting memories? Alone except for the green-eyed Children of Crake, who think of him as a kind of monster, he explores the answers to these questions in the double journey he takes - into his own past, and back to Crake's high-tech bubble-dome, where the Paradise Project unfolded and the world came to grief. With breathtaking command of her shocking material, and with her customary sharp wit and dark humour, Atwood projects us into an outlandish yet wholly believable realm populated by characters who will continue to inhabit our dreams long after the last chapter.

### **The Fault in Our Stars**

From the bestselling author of *Blink* and *The Tipping Point*, Malcolm Gladwell's *Outliers: The Story of Success* overturns conventional wisdom about genius to show us what makes an ordinary person an extreme overachiever. Why do some people achieve so much more than others? Can they lie so far out of the ordinary? In this provocative and inspiring book, Malcolm Gladwell looks at everyone from rock stars to professional athletes, software billionaires to scientific geniuses, to show that the story of success is far more surprising, and far more fascinating, than we could ever have imagined. He reveals that it's as much about where we're from and what we do, as who we are - and that no one, not even a genius, ever makes it alone. *Outliers* will change the way you think about your own life story, and about what makes us all unique. 'Gladwell is not only a brilliant storyteller; he can see what those stories tell us, the lessons they contain' *Guardian* 'Malcolm Gladwell is a global phenomenon he has a genius for making everything he writes seem like an impossible adventure' *Observer* 'He is the best kind of writer - the kind who makes you feel like you're a genius, rather than he's a genius' *The Times*

### **Insignificant Events in the Life of a Cactus**

Lief, Barda and Jasmine, searching for the seven lost gems of the magic Belt of Deltora, have almost reached their goal. Six gems now gleam in the Belt, but the last must be found before Deltora can be freed from the tyranny of the evil Shadow Lord. The companions have faced many terrors with strength and courage. Now they are about to meet dark mysteries that strength and courage alone cannot defeat. If they fail, their quest will be lost, and they will remain forever trapped in the swirling mists of the Valley of the Lost.

### **Number the Stars**

Winner of the American Academy of Arts and Letters' Sue Kaufman Prize for First Fiction and of the Ernest Hemingway Foundation's Citation for Fiction. An eleven-

year-old heroine tells her unforgettable story with honesty, perceptivity, humor, and unselfconscious heroism. "The honesty of thought and eye and feeling and word!"--Eudora Welty; "A lovely, breathtaking, sometimes heart-wrenching first novel."--Walker Percy. A LITERARY GUILD SELECTION.

### **The Book Thief**

An undergraduate-level introduction to number theory, with the emphasis on fully explained proofs and examples. Exercises, together with their solutions are integrated into the text, and the first few chapters assume only basic school algebra. Elementary ideas about groups and rings are then used to study groups of units, quadratic residues and arithmetic functions with applications to enumeration and cryptography. The final part, suitable for third-year students, uses ideas from algebra, analysis, calculus and geometry to study Dirichlet series and sums of squares. In particular, the last chapter gives a concise account of Fermat's Last Theorem, from its origin in the ancient Babylonian and Greek study of Pythagorean triples to its recent proof by Andrew Wiles.

### **The Hate U Give**

#1 NEW YORK TIMES BESTSELLER A REESE WITHERSPOON x HELLO SUNSHINE BOOK CLUB PICK USA Today's top 100 books to read while stuck at home social distancing "I've been a huge Jojo Moyes fan. Her characters are so compelling. . . It's such a great narrative about personal strength and really captures how books bring communities together." -Reese Witherspoon From the author of *Me Before You*, set in Depression-era America, a breathtaking story of five extraordinary women and their remarkable journey through the mountains of Kentucky and beyond. Alice Wright marries handsome American Bennett Van Cleve hoping to escape her stifling life in England. But small-town Kentucky quickly proves equally claustrophobic, especially living alongside her overbearing father-in-law. So when a call goes out for a team of women to deliver books as part of Eleanor Roosevelt's new traveling library, Alice signs on enthusiastically. The leader, and soon Alice's greatest ally, is Margery, a smart-talking, self-sufficient woman who's never asked a man's permission for anything. They will be joined by three other singular women who become known as the Packhorse Librarians of Kentucky. What happens to them--and to the men they love--becomes an unforgettable drama of loyalty, justice, humanity and passion. These heroic women refuse to be cowed by men or by convention. And though they face all kinds of dangers in a landscape that is at times breathtakingly beautiful, at others brutal, they're committed to their job: bringing books to people who have never had any, arming them with facts that will change their lives. Based on a true story rooted in America's past, *The Giver of Stars* is unparalleled in its scope and epic in its storytelling. Funny, heartbreaking, enthralling, it is destined to become a modern classic--a richly rewarding novel of women's friendship, of true love, and of what happens when we reach beyond our grasp for the great beyond. SOON TO BE A MAJOR MOTION PICTURE!

### **That Will Never Work**

The old adage is ingrained in us that if you don't have anything nice to say then

don't say anything at all. While this advice may work for home life, as Kim Scott has seen first hand, it is a disaster when adopted by managers in the work place. Scott earned her stripes as a highly successful manager at Google before moving to Apple where she developed a class on optimal management. Radical Candor draws directly on her experiences at these cutting edge companies to reveal a new approach to effective management that delivers huge success by inspiring teams to work better together by embracing fierce conversations. Radical Candor is the sweet spot between managers who are obnoxiously aggressive on the one side and ruinously empathetic on the other. It is about providing guidance, which involves a mix of praise as well as criticism - delivered to produce better results and help employees develop their skills and boundaries of success. Great bosses have a strong relationship with their employees, and Scott has identified three simple principles for building better relationships with your employees: make it personal, get stuff done, and understand why it matters. Radical Candor offers a guide to those bewildered or exhausted by management, written for bosses and those who manage bosses. Drawing on years of first hand experience, and distilled clearly to give actionable lessons to the reader, Radical Candor shows how to be successful while retaining your integrity and humanity. Radical Candor is the perfect handbook for those who are looking to find meaning in their job and create an environment where people both love their work, their colleagues and are motivated to strive to ever greater success.

### **The Curious Incident of the Dog in the Night-Time**

8 starred reviews • Goodreads Choice Awards Best of the Best • William C. Morris Award Winner • National Book Award Longlist • Printz Honor Book • Coretta Scott King Honor Book • #1 New York Times Bestseller! "Absolutely riveting!" —Jason Reynolds "Stunning." —John Green "This story is necessary. This story is important." —Kirkus (starred review) "Heartbreakingly topical." —Publishers Weekly (starred review) "A marvel of verisimilitude." —Booklist (starred review) "A powerful, in-your-face novel." —Horn Book (starred review) Sixteen-year-old Starr Carter moves between two worlds: the poor neighborhood where she lives and the fancy suburban prep school she attends. The uneasy balance between these worlds is shattered when Starr witnesses the fatal shooting of her childhood best friend Khalil at the hands of a police officer. Khalil was unarmed. Soon afterward, his death is a national headline. Some are calling him a thug, maybe even a drug dealer and a gangbanger. Protesters are taking to the streets in Khalil's name. Some cops and the local drug lord try to intimidate Starr and her family. What everyone wants to know is: what really went down that night? And the only person alive who can answer that is Starr. But what Starr does—or does not—say could upend her community. It could also endanger her life. And don't miss *On the Come Up*, Angie Thomas's powerful follow-up to *The Hate U Give*.

### **Drive**

While still mourning the death of their mother, three brothers go with their father on an extended sailing trip off the Florida Keys and have a harrowing adventure at sea.

## **The Valley of the Lost**

Max is used to being called Stupid. And he is used to everyone being scared of him. On account of his size and looking like his dad. Kevin is used to being called Dwarf. On account of his size and being some cripple kid. But greatness comes in all sizes, and together Max and Kevin become Freak The Mighty and walk high above the world. An inspiring, heartbreaking, multi-award winning international bestseller.

## **A Thousand Splendid Suns**

In 1943 Copenhagen, the Germans begin their campaign to "relocate" the Jews of Denmark. So Annemarie Johansen's parents take in her best friend Ellen Rosen and pretend that she is a part of their family.

## **Reached**

50 years of an iconic classic! This international bestseller and inspiration for a beloved movie is a heroic story of friendship and belonging. No one ever said life was easy. But Ponyboy is pretty sure that he's got things figured out. He knows that he can count on his brothers, Darry and Sodapop. And he knows that he can count on his friends—true friends who would do anything for him, like Johnny and Two-Bit. But not on much else besides trouble with the Socs, a vicious gang of rich kids whose idea of a good time is beating up on “greasers” like Ponyboy. At least he knows what to expect—until the night someone takes things too far. The Outsiders is a dramatic and enduring work of fiction that laid the groundwork for the YA genre. S. E. Hinton's classic story of a boy who finds himself on the outskirts of regular society remains as powerful today as it was the day it was first published. "The Outsiders transformed young-adult fiction from a genre mostly about prom queens, football players and high school crushes to one that portrayed a darker, truer world." —The New York Times "Taut with tension, filled with drama." —The Chicago Tribune "[A] classic coming-of-age book." —Philadelphia Daily News A New York Herald Tribune Best Teenage Book A Chicago Tribune Book World Spring Book Festival Honor Book An ALA Best Book for Young Adults Winner of the Massachusetts Children's Book Award

## **Freak the Mighty**

In 1964, Joe is pleased that a new law will allow his best friend John Henry, who is black, to share the town pool and other public places with him, but he is dismayed to find that prejudice still exists.

## **Freedom Summer**

Python Crash Course is a fast-paced, thorough introduction to Python that will have you writing programs, solving problems, and making things that work in no time. In the first half of the book, you'll learn about basic programming concepts, such as lists, dictionaries, classes, and loops, and practice writing clean and readable code with exercises for each topic. You'll also learn how to make your programs

interactive and how to test your code safely before adding it to a project. In the second half of the book, you'll put your new knowledge into practice with three substantial projects: a Space Invaders-inspired arcade game, data visualizations with Python's super-handly libraries, and a simple web app you can deploy online. As you work through Python Crash Course you'll learn how to: -Use powerful Python libraries and tools, including matplotlib, NumPy, and Pygal -Make 2D games that respond to keypresses and mouse clicks, and that grow more difficult as the game progresses -Work with data to generate interactive visualizations -Create and customize Web apps and deploy them safely online -Deal with mistakes and errors so you can solve your own programming problems If you've been thinking seriously about digging into programming, Python Crash Course will get you up to speed and have you writing real programs fast. Why wait any longer? Start your engines and code! Uses Python 2 and 3

### **Slaughterhouse-five**

Hannah resents the traditions of her Jewish heritage until time travel places her in the middle of a small Jewish village in Nazi-occupied Poland.

### **Lord of the Flies**

In search of a better life, Cassia joins a widespread rebellion against Society, where she is tasked with finding a cure to the threat of survival and must choose between Xander and Ky.

### **Because of Winn-Dixie by Kate DiCamillo**

The 10th-anniversary edition of the No. 1 international bestseller and modern classic beloved by millions of readers HERE IS A SMALL FACT - YOU ARE GOING TO DIE 1939. Nazi Germany. The country is holding its breath. Death has never been busier. Liesel, a nine-year-old girl, is living with a foster family on Himmel Street. Her parents have been taken away to a concentration camp. Liesel steals books. This is her story and the story of the inhabitants of her street when the bombs begin to fall. SOME IMPORTANT INFORMATION - THIS NOVEL IS NARRATED BY DEATH The 10th-anniversary edition features pages of bonus content, including marked-up manuscript pages, original sketches, and pages from the author's writing notebook.

### **Refugee**

A stirring, dramatic story of a slave who mails himself to freedom by a Jane Addams Peace Award-winning author and a Coretta Scott King Award-winning artist. Henry Brown doesn't know how old he is. Nobody keeps records of slaves' birthdays. All the time he dreams about freedom, but that dream seems farther away than ever when he is torn from his family and put to work in a warehouse. Henry grows up and marries, but he is again devastated when his family is sold at the slave market. Then one day, as he lifts a crate at the warehouse, he knows exactly what he must do: He will mail himself to the North. After an arduous journey in the crate, Henry finally has a birthday -- his first day of freedom.

## **Understanding Machine Learning**

The New York Times bestseller that gives readers a paradigm-shattering new way to think about motivation from the author of *When: The Scientific Secrets of Perfect Timing*. Most people believe that the best way to motivate is with rewards like money—the carrot-and-stick approach. That's a mistake, says Daniel H. Pink (author of *To Sell Is Human: The Surprising Truth About Motivating Others*). In this provocative and persuasive new book, he asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business does—and how that affects every aspect of life. He examines the three elements of true motivation—autonomy, mastery, and purpose—and offers smart and surprising techniques for putting these into action in a unique book that will change how we think and transform how we live.

## **Educated**

The year is 1849. Young Jack Flagg sets out to recoup his Aunt Arabella's fortune on a ship bound from Boston to the California gold fields. Thus begin the wild, swashbuckling adventures of a determined 12-year-old and his intrepid butler. Illustrations.

## **Python Crash Course**

From John Green, the #1 bestselling author of *Turtles All the Way Down* "The greatest romance story of this decade." —Entertainment Weekly -Millions of copies sold- #1 New York Times Bestseller #1 Wall Street Journal Bestseller #1 USA Today Bestseller #1 International Bestseller TIME Magazine's #1 Fiction Book of 2012 TODAY Book Club pick Now a Major Motion Picture Despite the tumor-shrinking medical miracle that has bought her a few years, Hazel has never been anything but terminal, her final chapter inscribed upon diagnosis. But when a gorgeous plot twist named Augustus Waters suddenly appears at Cancer Kid Support Group, Hazel's story is about to be completely rewritten. Insightful, bold, irreverent, and raw, *The Fault in Our Stars* brilliantly explores the funny, thrilling, and tragic business of being alive and in love.

## **Oryx and Crake**

Introduces machine learning and its algorithmic paradigms, explaining the principles behind automated learning approaches and the considerations underlying their usage.

## **Genome**

A riveting and powerful story of an unforgiving time, an unlikely friendship and an indestructible love

## The Giver of Stars

In the tradition of Phil Knight's Shoe Dog comes the incredible untold story of how Netflix went from concept to company—all revealed by co-founder and first CEO Marc Randolph. Once upon a time, brick-and-mortar video stores were king. Late fees were ubiquitous, video-streaming unheard of, and widespread DVD adoption seemed about as imminent as flying cars. Indeed, these were the widely accepted laws of the land in 1997, when Marc Randolph had an idea. It was a simple thought—leveraging the internet to rent movies—and was just one of many more and far worse proposals, like personalized baseball bats and a shampoo delivery service, that Randolph would pitch to his business partner, Reed Hastings, on their commute to work each morning. But Hastings was intrigued, and the pair—with Hastings as the primary investor and Randolph as the CEO—founded a company. Now with over 150 million subscribers, Netflix's triumph feels inevitable, but the twenty-first century's most disruptive start-up began with few believers and calamity at every turn. From having to pitch his own mother on being an early investor, to the motel conference room that served as a first office, to server crashes on launch day, to the now-infamous meeting when Netflix brass pitched Blockbuster to acquire them, Marc Randolph's transformational journey exemplifies how anyone with grit, gut instincts and determination can change the world—even with an idea that many think will never work. What emerges, though, isn't just the inside story of one of the world's most iconic companies. Full of counter-intuitive concepts and written in binge-worthy prose, it answers some of our most fundamental questions about taking that leap of faith in business or in life: How do you begin? How do you weather disappointment and failure? How do you deal with success? What even is success? From idea generation to team building to knowing when it's time to let go, *That Will Never Work* is not only the ultimate follow-your-dreams parable, but also one of the most dramatic and insightful entrepreneurial stories of our time.

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